

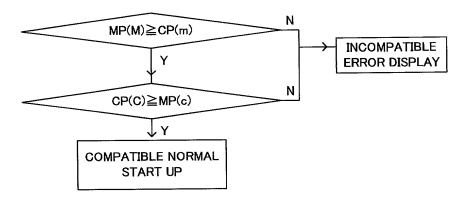
CP(C)=VERSION DATA OF CP ITSELF

CP(m)=MP SUPPORT VERSION DATA (NEWEST VERSION DATA OF MP TO BE SUPPORTED BY CP)

MP(M)=VERSION DATA OF MP ITSELF

MP(c)=CP SUPPORT VERSION DATA (NEWEST VERSION DATA OF CP TO BE SUPPORTED BY MP)

FIG. 3



[HISTORIC VERSION OF PRINTER]

VERSION	UNIT/CONTROL PROGRAM VERSION
1ST VERSION	MECHCON UNIT: MP(M) = V01L01 MP(c) = MORE V01L01 CONT UNIT : CP(C) = V01L01 CP(m) = MORE V01L01
2ND VERSION	SUBSTITUTE MECHCON DUE TO FAILURE MECHCON UNIT: MP(M) = V02L01 MP(c) = MORE V01L01 CONT UNIT : CP(C) = V01L01 CP(m) = MORE V01L01
3RD VERSION	SUBSTITUE MECHCON AND CONT DUE TO FUNCTION ENHANCE MECHCON UNIT: MP(M) = V03L01 MP(c) = MORE V02L01 CONT UNIT : CP(C) = V02L01 CP(m) = MORE V03L01

CASE1:IN 2ND VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MP(M)=V01L01 CP(C) ≥MP(c)IS 0101 ≥0101, OK

MP(M)≧CP(m)IS 0201 ≧0101,OK AND NORMAL START UP

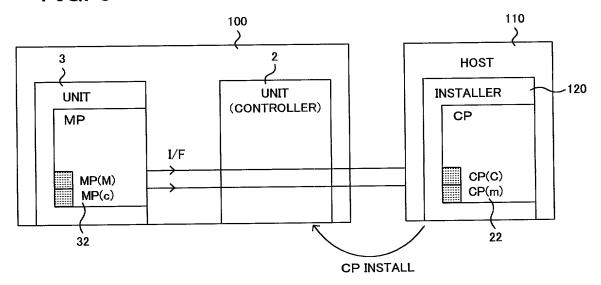
CASE2:IN 3RD VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MP(M)=V02L01 CP(C)≧MP(c)IS

0201 ≧0101, OK

MP(M)≧CP(m)IS

0201 ≧0301, AND ERROR INDICATION

FIG. 5



MU(M)=VVLL(VERSION DATA OF MU)

MU(c) = CU SUPPORT VERSION DATA

CU(m) = MU SUPPORT VERSION DATA

CU(c)=CU VERSION DATA (=vvII)

FIG. 7A

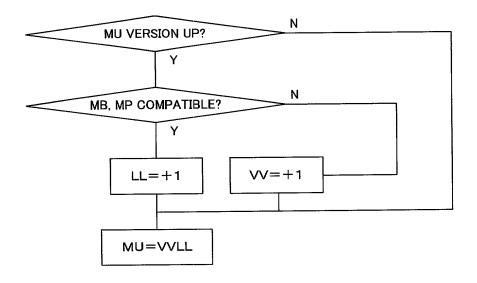


FIG. 7B

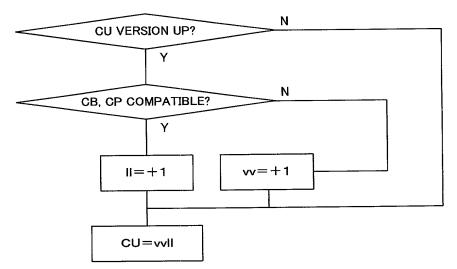
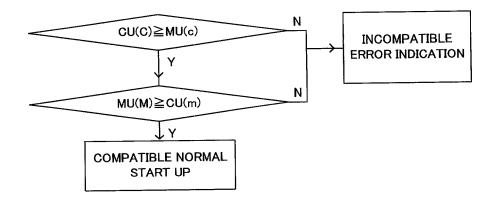


FIG. 8



[HISTORIC VERSION OF PRINTER]

VERSION	UNIT/CONTROL PROGRAM VERSION
1ST VERSION	MECHCON UNIT: MU(M) = V01L01 MU(c) = MORE V01L01 CONT UNIT : CU(C) = V01L01 CU(m) = MORE V01L01
2ND VERSION	MECHCON BOARD AND CONTROL PROGRAM ARE SUBSTITUTED DUE TO MECH BOARD FAILURE
	MECHCON UNIT: MU(M) = V01L02 MU(c) = MORE V01L01 CONT UNIT : CU(C) = V01L01 CU(m) = MORE V01L01
3RD VERSION	MECHCON BOARD AND CONTROLLER BOARD ARE SUBSTITUTED DUE TO FUNCTION ENHANCE
	MECHCON UNIT: MU(M) = V02L01 (V UP) MU(c) = MORE V02L01 CONT UNIT : CU(C) = V02L01 (V UP) CU(m) = MORE V02L01

CASE1:IN 2ND VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MU(M)=V01L01
CU(C) ≧ MU(c) IS
0101 ≧0101, OK

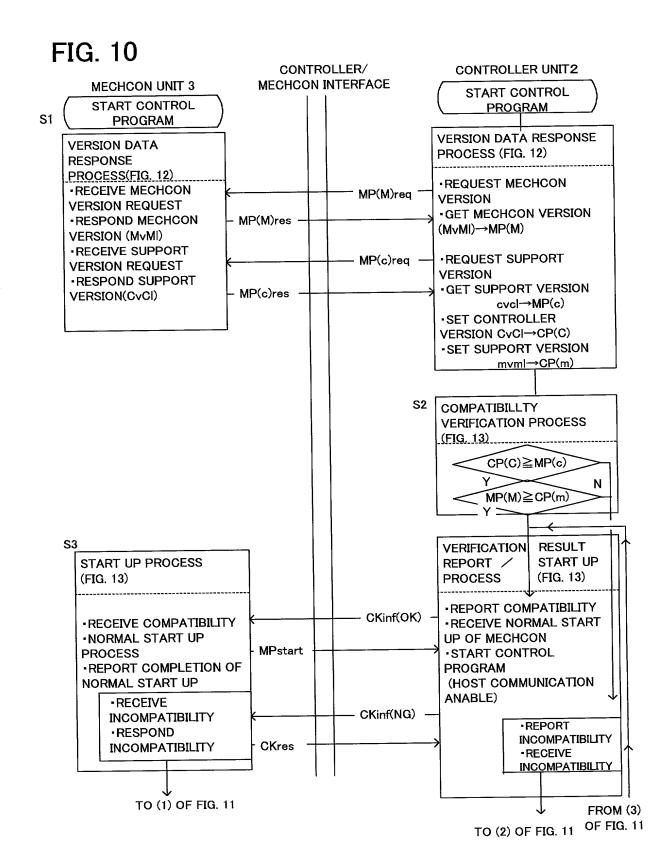
MU(M)≧CU(m) IS 0101 ≧0101, OK AND NORMAL START UP

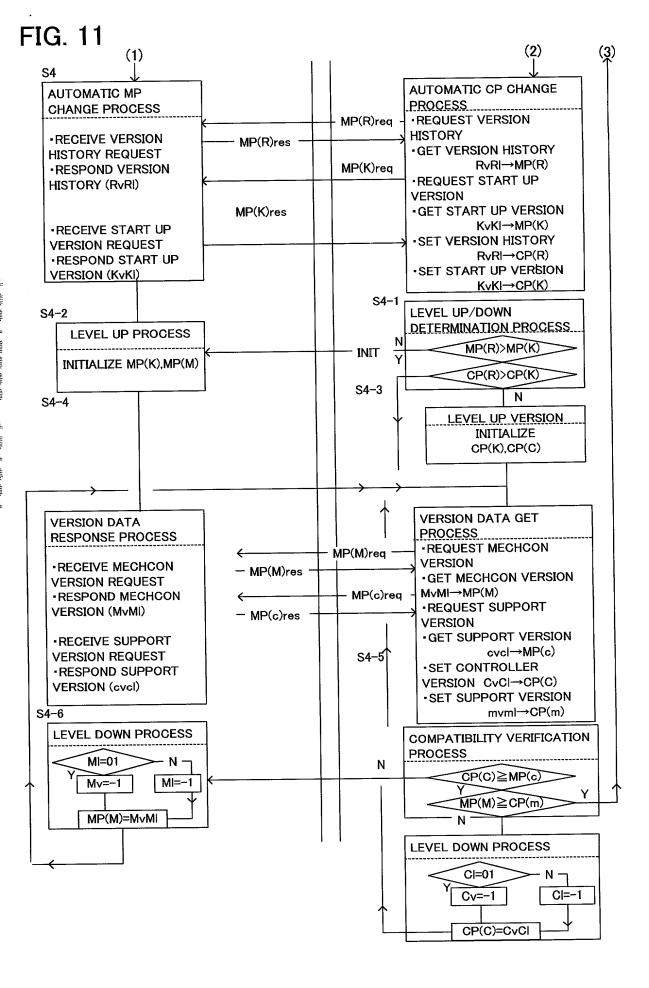
CASE2:IN 3RD VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MU(M) = V01L02 CU(C) \ge MU(c) IS 0201 \ge 0201, OK

 $MU(M) \ge CU(m)IS$ 0102 \ge 0201, NG AND ERROR INDICATION

CASE3:IN 2ND VERSION PRINTER, CONTROLLER UNIT IS SUBSTITUTED TO CU(C) =V02L01 CU(C) ≥MU(c) IS 0201 ≥0101, OK

 $MU(M) \geqq CU(m)$ IS 0102 \geqq 0201, NG AND ERROR INDICATION





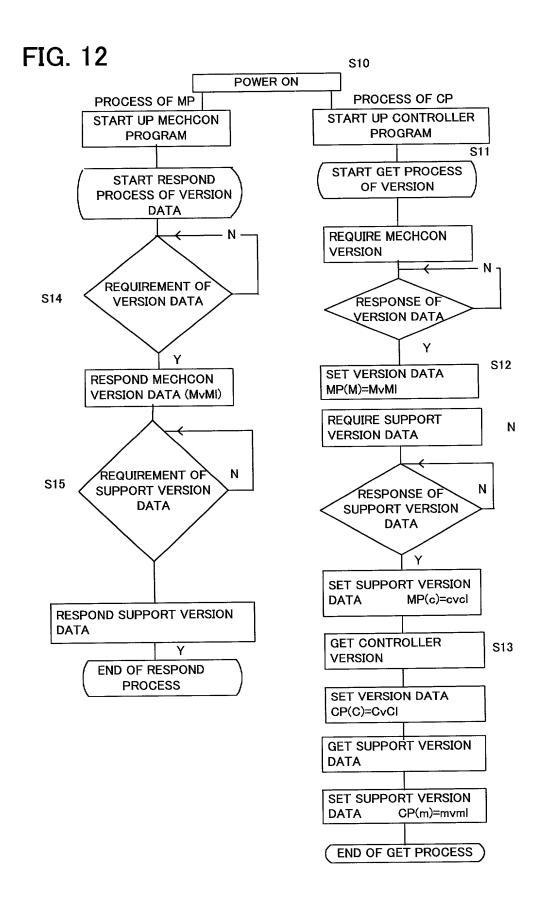


FIG. 13

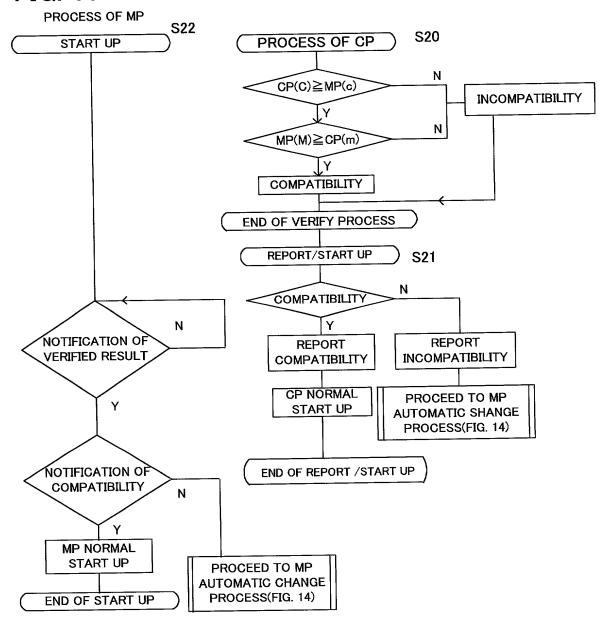
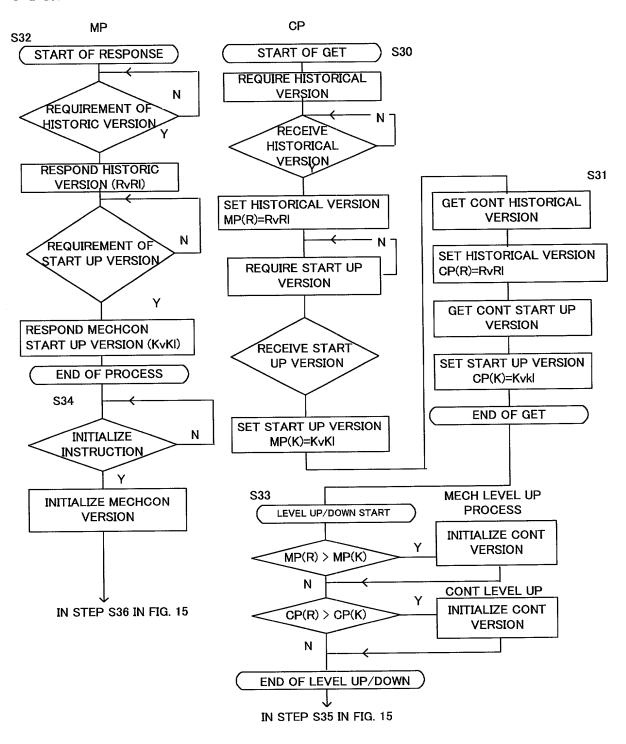
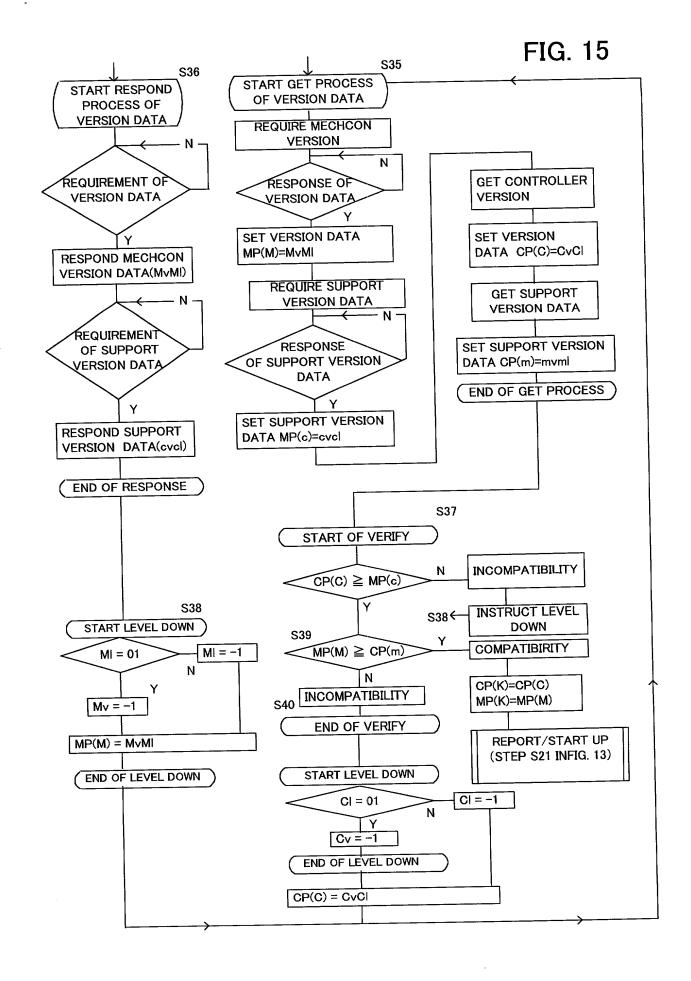


FIG. 14





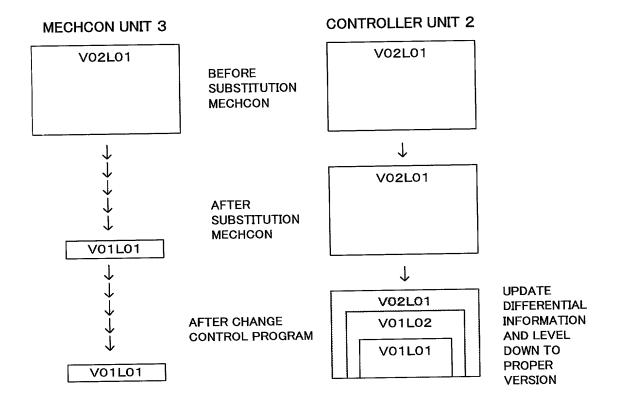


FIG. 17

INITIAL VALUE AFTER MECHCON UNIT SUBSTITUTION

CONTROL PROGRAM VERSION: MP(M) = V01L01, MP(c) = V01L01

VERSION HISTRY

:MP(R)=V01L01

START UP VERSION

:MP(K)=V01L01

INITIAL VALUE OF CONTROLLER UNIT

CONTROL PROGRAM VERSION: CP(C) = V02L01, CP(m) = V02L01

VERSION HISTRY

:CP(R)=V02L01/V01L02/V01L01

START UP VERSION :CP(K)=V02L01

VALUE OF CONTROLLER UNIT AFTER MECHCON UNIT SUBSTITUTION

CONTROL PROGRAM VERSION: CP(C) = V01L02, CP(m) = V01L02 VERSION HISTRY : CP(R) = V02L01 / V01L02 / V01L01

VERSION HISTRY : CP()
START UP VERSION : CP()

:CP(K)=V01L02

FIG. 18

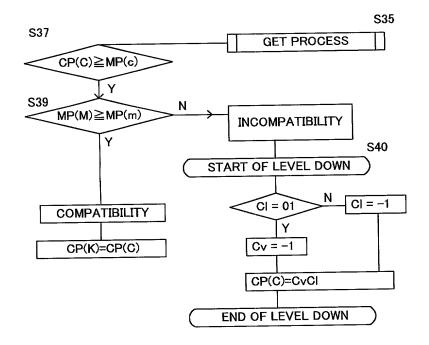


FIG. 19

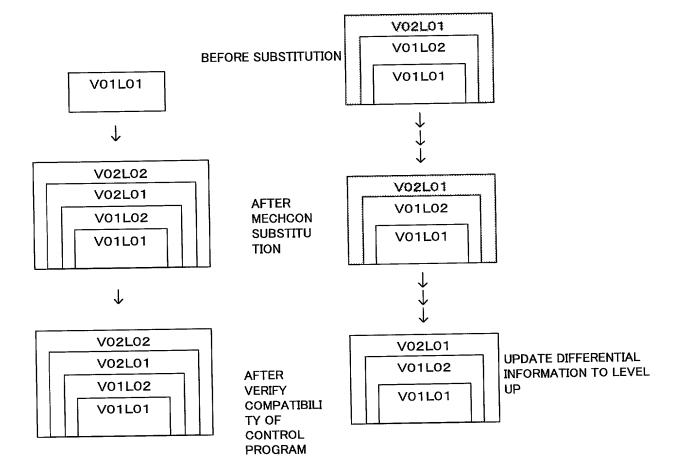
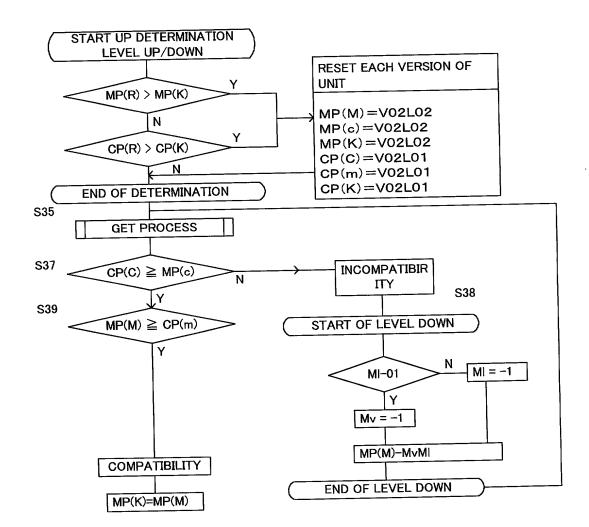


FIG. 20



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